

L Numb r	Hits	Search Text	DB	Tim stamp
-	0	("(barrier same (divalent r b ryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba)))".PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:55
-	0	("(barrier and (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba)))".PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:55
-	9453	(barrier same (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:56
-	1470	(barrier near5 (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:57
-	0	((dielectric or insulating) same copper same (barrier near5 (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba))).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:57
-	24	((dielectric or insulating) same copper same (barrier near5 (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 09:58
-	15	((dielectric or insulating) near10 copper near10 (barrier near5 (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:00
-	2	((dielectric or insulating) near10 copper near10 (barrier near5 (oxide or dioxide) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or ca or mg or sr or be or ba)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:11
-	6	(silicon adj (oxide or dioxide)) near2 (dope or doping or doped) near2 (divalent or beryllium or magnesium or calcium or strontium r barium r be or mg or ca or sr or ba)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:18
-	15	(silic n adj ( xide or dioxide)) near3 (dope or doping r dop d) near3 (divalent or b ryllium r magnesium or calcium or strontium or barium or be or mg or ca or sr or ba)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:24

-	0	barrier near3 (silicon adj (oxide or dioxide)) near3 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:25
-	0	barrier near5 (silicon adj (oxide or dioxide)) near5 (dope or doping or doped) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:26
-	1	barrier near10 ((silicon adj (oxide or dioxide)) near3 (dope or doping or doped) near3 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:30
-	1	barrier near10 ((silicon adj (oxide or dioxide)) near5 (dope or doping or doped) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:31
-	1	barrier near10 ((silicon adj (oxide or dioxide)) near5 (dope or doping or doped or dopant) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:33
-	3	barrier near20 ((silicon adj (oxide or dioxide)) near5 (dope or doping or doped or dopant) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:35
-	3	barrier same ((silicon adj (oxide or dioxide)) near5 (dope or doping or doped or dopant) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:39
-	9	barrier same ((silicon adj (oxide or dioxide)) near10 (dope or doping or doped or dopant) near10 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:41
-	7	((silicon adj (oxide or dioxide)) near5 (dope or doping or doped or dopant) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:45
-	2	((silicon adj (oxide or dioxide)) near5 (dope or doping or doped or dopant) near5 (divalent or beryllium or magnesium or calcium or strontium or barium or be or mg or ca or sr or ba)).ti,ab,clm. and barrier.ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:47

-	6	((silic n adj (oxid r di xid )) n ar10 (dope r doping r dop d or d pant) near10 (divalent r beryllium or magnesium r calcium or strontium or barium or be or mg or ca or sr or ba)).clm. and barrier.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:52
-	104	((dielectric adj layer) same (copper near2 layer) same (barrier adj layer)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:54
-	66	((insulating or dielectric) adj layer) near10 (copper near2 layer) near10 (barrier adj layer)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:55
-	1	((insulating or dielectric) adj layer) near10 (copper near2 layer) near10 (barrier adj layer)).clm. and (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:58
-	0	((insulating or dielectric) adj layer) near10 (copper near2 layer) near10 (barrier adj layer)).clm. and (barrier same (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:58
-	0	((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)).clm. and (barrier near10 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 10:59
-	61	((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near10 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:00
-	16	((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:03
-	14	((insulating or dielectric) adj layer) same (copp r near2 lay r) same (barrier adj layer)) and (barri r near5 (beryllium or magnasium or calcium r barium r strontium or be or mg r ca or ba r sr or divalent))) and copp r.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:04

-	14	((((insulating or di lectric) adj layer) same (copper n ar2 lay r) same (barrier adj layer)) and (barri r near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and copper.clm.) and barrier.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:04
-	10	((((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:06
-	7	((((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (method or process).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:06
-	0	((((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (method or process).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near5 (oxide or dioxide) near5 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:07

-	0	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near5 (oxide or dioxide) near5 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:07
-	0	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near10 (oxide or dioxide) near10 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:08
-	0	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon same (oxide or dioxide) same (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:08
-	12	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnasium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon same (oxide or dioxide) same (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:09

-	7	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon same (oxide or dioxide) same (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:09
-	7	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near10 (oxide or dioxide) near10 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:10
-	0	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near5 (oxide or dioxide) near5 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:10

-	0	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near7 (oxide or dioxide) near7 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:10
-	7	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near8 (oxide or dioxide) near8 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:11
-	5	(((insulating or dielectric) adj layer) same (copper near2 layer) same (barrier adj layer)) and (barrier near5 (beryllium or magnesium or calcium or barium or strontium or be or mg or ca or ba or sr or divalent))) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent).clm.) and (method or process).clm.) and (cu or copper).clm. and barrier.clm. and (dielectric or insulating).clm. and (silicon near8 (oxide or dioxide) near8 (be or mg or ca or sr or ba or beryllium or magnesium or strontium or barium or calcium or divalent)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:12
-	71	((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:23

-	0	(((copper near2 layer).clm. near20 ((dielectric or insulating) adj lay r). lm. near20 (barrier adj layer).clm.).clm.) and (semiconductor near10 (oxide or dioxide) near10 (dope or doping or doped or dopant) near10 (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:17
-	0	(((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm.) and (silicon near10 (oxide or dioxide) near10 (dope or doping or doped or dopant) near10 (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:18
-	0	(((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm.) and (silicon same (oxide or dioxide) same (dope or doping or doped or dopant) same (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:19
-	0	(((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm.) and ((si or silicon) same (oxide or dioxide) same (dope or doping or doped or dopant) same (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:21
-	130	((copper near2 layer).clm. same ((dielectric or insulating) adj layer).clm. same (barrier adj layer).clm.).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:20
-	0	(((copper near2 layer).clm. same ((dielectric or insulating) adj layer).clm. same (barrier adj layer).clm.).clm.) and ((si or silicon) same (oxide or dioxide) same (dope or doping or doped or dopant) same (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:22
-	0	(((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm.) and (((si or silicon) adj (oxide or dioxide)) same (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:23



-	0	((c pp r near2 layer).clm. same ((diel ctric or insulating) adj layer).clm. same (barrier adj layer).clm.).clm.) and (((si or silicon) adj (oxide or dioxide)) same (beryllium or calcium or magnesium or strontium or barium or be or ca or mg or sr or ba or divalent))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:23
-	34	((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm. and (beryllium or barium or calcium or strontium or magnesium or be or ba or ca or sr or mg or divalent)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:24
-	1	((copper near2 layer).clm. near20 ((dielectric or insulating) adj layer).clm. near20 (barrier adj layer).clm.).clm. and (beryllium or barium or calcium or strontium or magnesium or be or ba or ca or sr or mg or divalent).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:26
-	3	((copper near2 layer).clm. same ((dielectric or insulating) adj layer).clm. same (barrier adj layer).clm.).clm. and (beryllium or barium or calcium or strontium or magnesium or be or ba or ca or sr or mg or divalent).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/05 11:28